

**REPAIR SOURCE QUALIFICATION STATEMENT
(10 USC SECTION 2319)**

SECTION A: ITEM IDENTIFICATION.

Stock Number (NSN): 5895-01-200-6498

Part Number (P/N): 83-02008-001

Nomenclature: Processor, Signal Data

Application: UHF/Line of Sight Cabinet, AN/MSQ-118

SECTION B: JUSTIFICATION FOR ESTABLISHING A QUALIFICATION REQUIREMENT AND REASON WHY QUALIFICATION REQUIREMENT MUST BE DOMONSTRATED PRIOR TO CONTRACT AWARD.

1. The Signal Processor is a component of the UHF/Line of Sight Cabinet, which is used in AN/MSQ-118 Mobile ground station. This is part of the Defense Support Program (DSP). The proper operation of the Signal Processor is vital to the operational capabilities of the DSP installation. Qualifying as a repair source is necessary to assure the government that the Signal Processor repaired by the vendor will perform properly in the DSP environment. Failure to properly repair the Signal Processor may result in compromising the operational capabilities of the UHF/Line of Sight Cabinet. Completion of the specified repair source qualification requirements will ensure the government that the offeror is capable of repairing the Signal Processor in compliance with the applicable specifications and data. The completion of these repair source qualification requirements will establish the technical capability of the vendor to support the government's need for the repair of this Signal Processor.
2. This Signal Processor is a component of the AN/MSQ-118 Mobile Ground Station. The repair of this unit requires specialized techniques and precision work. Any contractor attempting to qualify to repair this Signal Processor must show the capability to deal with this technology.

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SECTION C: QUALIFICATION REQUIREMENTS THAT MUST BE SATISFIED TO BECOME A QUALIFIED SOURCE AND QUALIFICATION WAIVER REQUIREMENTS.

1. Pre-qualification Notice. The offeror shall notify the Small Business Office or, if responding to a solicitation, the contracting officer in OO-ALC/LHK of intent to qualify as a source of repair for this item.
2. Repair, Test, and Inspection Capability. The offeror shall certify to the design control activity (OO-ALC/LHJE) the availability of the required repair, test, inspection, and diagnostic facilities and equipment; or provisions for their acquisition or utilization from another source.
3. Data Verification. The offeror shall verify possession of a complete data package by providing a list of applicable drawings, procedures, and specifications currently in his possession related to the repair of the Signal Processor. The drawing package pertaining to this Signal Processor is found in Raytheon, E-Systems Inc, Drawing number 83-02008-001 and related drawings.

The contractor is solely responsible for acquisition of all source design criteria and data necessary to source qualify. The Air Force may assist the contractor in obtaining such data, however, it is understood and agreed that the contractor has full responsibility for obtaining the correct and complete data. It is further recognized and agreed that such responsibility is not diminished or waived by reason of any government assistance or failure to provide such assistance. Any baseline data provided by the Air Force shall not be construed as the most current, accurate, or complete. The contractor assumes all risk if the Air Force provided data is the sole basis for qualifications.

If the development of special test procedures not available from the government is required, the offeror shall make those procedures available for review and approval by the design control activity. When the offeror proposes to use industry standards during repair of the Signal Processor, the offeror shall document the differences between the industry standard and the military standard, and state why those differences do not adversely affect the ability of the Signal Processor to pass the final functional checkout. The design control activity shall determine if the industry standard is acceptable for use in the repair of the Signal Processor.

4. Process Verification. The offeror shall identify sources for materials and standards for internally used processes. The offeror shall further define/provide written procedures for the utilization of any special test or inspection facilities and/or equipment. This documentation shall also include a diagnostic procedure showing the process the Signal Processor being repaired would undergo. The repair process shall show how the offeror shall test, inspect, diagnose, repair, and perform a final functional checkout. The ability to test Hardness Critical Items (HCI) will be required in cases where HCI parts are involved. Due to diminishing manufacturing sources (DMS), many of the piece-parts listed in the design may no longer be available. The contractor must be capable of locating alternative components to eliminate any DMS problems.
5. Test and Evaluation, or Verification. The offeror shall submit to the design control activity an explanation of how they will verify that the test methods and repair procedures meet the specifications for the Signal Processor. The government retains the option to inspect the offeror's repair and testing facilities. To allow accomplishing this, the offeror's facilities shall be made available to government inspection during the qualification effort upon ten days written notice of intent to inspect.
6. Quality Control Program. The offeror will provide a concise description of the current quality control program being used to ensure the proper repair of the subject Signal Processor.

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7. Sensitive Military Technology. Not applicable.
8. Testing and Repair Evaluation. The offeror shall be required to submit a complete and comprehensive test and repair plan including a sample report verifying compliance with all performance, environmental, mechanical, and quality assurance requirements identified by Raytheon, E-Systems Inc. drawing number 83-02008-001 and related drawings.
This data shall describe in detail the point(s) in the repair process that testing occurred, and if failures are noted, the corrective action taken and the results of the retest. The government retains the option to inspect the repair and testing process. The offeror will provide notification to the government of testing and evaluation 30 days in advance so that the government can witness, if needed, and coordinate needed activities, support, etc.
9. Time Completion Estimate. It is the estimate of the design control activity that completion of this qualification effort should require no more than 90 days. This is based on the complexity of the Signal Processor and other factors. This is not a deadline but a notification to a potential offeror of the time we believe will be required. Events that occur during the qualification process may cause this time requirement to increase or perhaps decrease, depending on individual circumstances.
10. Time Limitation. An offeror may not be denied the opportunity to submit and have considered an offer for a contract if the offeror can demonstrate to the satisfaction of the contracting officer that the offeror (or its product) meets these standards for qualification or can meet them before the date specified for award of the contract. The award will not be delayed to provide the vendor with an opportunity to demonstrate its ability to meet the standards specified in this source qualification statement.
11. Evaluation of Proposals Not Previously Qualified. The offeror must be fully qualified in order to be eligible for a contract award. Therefore, the offeror must fulfill all of the requirements stated, in writing, in the source qualification statement before the date specified for award of the contract. The government reserves the right to award a contract at the time specified for award, to a qualified source, even though other sources may not have finished qualifying.
12. Waiver. An offeror who has had previous experience in the repair of the Signal Processor or other similar items may apply to the design control activity for a waiver of all or part of the above requirements. A waiver will be granted only if the design control activity can establish the qualification of the offeror from previous knowledge/interface or from written inputs from the offeror.
13. Approval. Once the qualification requirements are met, the offeror will be listed as an approved source for this item. Approval, however, does not guarantee subsequent contract award.